

Converting Colors

Android(4282022822)

Have a look what the booklet for
Android(4282022822) contains.

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Color

Android(4282022822)

Conversions

Conversions Part 1

Format	Color
Hex	3A7BA6
RGB	58, 123, 166
RGB Percent	23%, 48%, 65%
CMY	0.7725, 0.5176, 0.3490
CMYK	0.65, 0.26, 0.00, 0.35
HSL	204°, 48%, 44%
HSV	204°, 65%, 65%
XYZ	15.7108, 17.8186, 38.6877
YIQ	108.4670, -52.5430, -0.4070

Conversions

Conversions Part 2

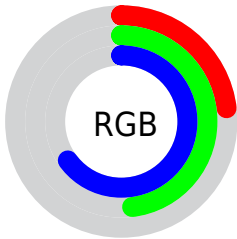
Format	Color
RYB	58, 99, 166
Decimal	3832742
CIELab	49.28, -6.96, -29.11
CIELCh	49, 29.931, 256.562
Yxy	17.8186, 0.2175, 0.2467
Android (android.graphics.Color)	4282022822 (0xFF3A7BA6)
YUV	108.4670, 28.3638, -44.2596
Hunter-Lab	42.2121, -7.4358, -24.7912

Details

The Android color `4282022822` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289094970`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4285837277`, and `4278209138` is the 20% darker color. If you saturate the color by 10%, you get `4280906918`, and if you desaturate by 10%, it is `4283138726`.

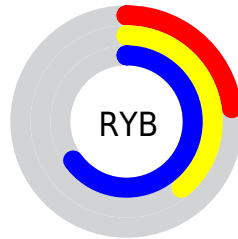
Distribution



Red (23%)

Green (48%)

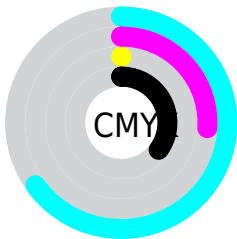
Blue (65%)



Red (23%)

Yellow (39%)

Blue (65%)

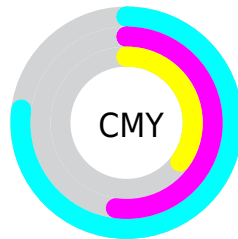


Cyan (65%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (77%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282022822 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4282022822 by changing the saturation by 10% instead.



4282022822



4282022822

4294967295



4279657100



4285837277



4278209138



4287679482



4278203481



4289521663



4278198081



4291428351



4278190891



4293394431



4278190358



4278190080



4282022822



4282022822



4280906918



4283138726

■ 4279856806

■ 4284188838

■ 4278740902

■ 4285304742

■ 4278215846

■ 4286354854

■ 4287470758

■ 4288586662

■ 4289636774

■ 4290752678

■ 4291802790

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278223001



4282022822



4284969894

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4282022822



4289159784



4284186193

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4282022822



4289094970

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4286085188



4282022822



4288702289

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4282022822



4288635522



4287656004



4282024552

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4282022822



4286540958



4287656004



4284841291

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4282022822



4289578969



4282033763



4283655022



4293783021



4285427310

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4282022822



4281374169



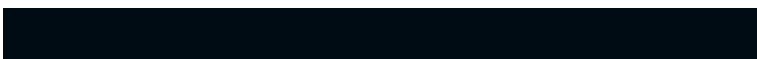
4282009510



4283191636



4278213012



4278193172

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4289084027



4292423829



4289108282



4283714641



4287889497



4279500812

Previews

White Background



This preview shows how the Android color 4282022822 looks on a white background.

Color Contrast Check

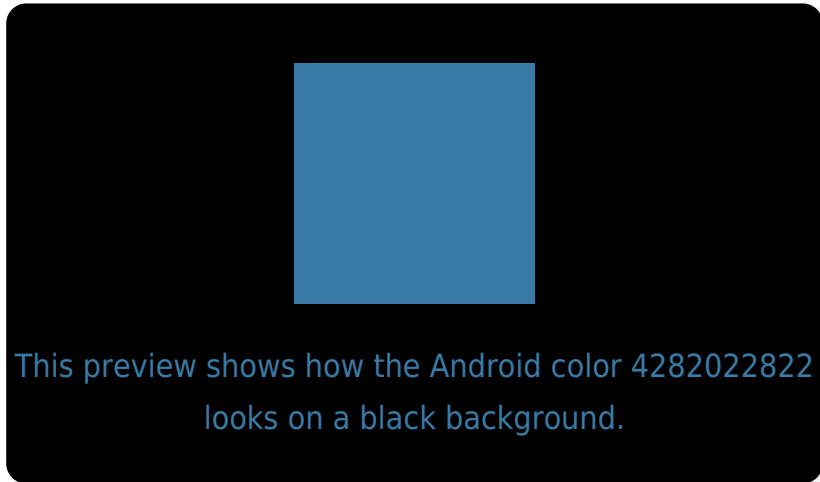
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

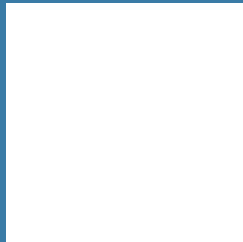
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282022822 Background



This preview shows how black text looks on a background with the Android color 4282022822.



This preview shows how white text looks on a background with the Android color 4282022822.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
4282022822

Protanomaly
4283922082

Deuteranomaly
4283660199

Tritanomaly
4281368212

Monochromacy



Original Color
4282022822

Achromatopsia
4285295724

Achromatomaly
4284117377

CSS Examples

Text

The CSS property to change the color of the text to Android 4282022822 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(58, 123, 166)` looks like.

```
.text, #text, p{  
    color:rgb(58, 123, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(58, 123, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 123, 166) }
```

Border

The CSS property to change the border of an element to Android 4282022822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 123, 166) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(58, 123, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(58, 123, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 123, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 123, 166);  
box-shadow:4px 4px 4px 4px rgb(58, 123,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4282022822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 123, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(58, 123,  
166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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